

CLAIMS

What is claimed is

1. A sun visor assembly comprising:
an outer covering including two covering halves;
a reinforcing core plate attached to one of the covering halves, the reinforcing core plate including a substantially planar portion and a support flange that cooperates with the substantially planar portion to define a channel;
a visor support rod; and
at least one visor core component that rotatably engages the visor support rod, the visor core component received within the channel.
2. The sun visor assembly of claim 1, wherein a distal end of the support flange contacts the substantially planar portion.
3. The sun visor assembly of claim 1, wherein a distal end of the support flange is secured to the substantially planar portion.
4. The sun visor assembly of claim 1, wherein the visor core component is secured to the reinforcing core plate within the channel by at least one core alignment element.
5. The sun visor assembly of claim 4, wherein the core alignment element includes an upstanding peg.
6. The sun visor assembly of claim 1, wherein the at least one visor core component includes a track non-slidingly secured to the reinforcing core plate and a sliding member slidingly engaging the track.
7. The sun visor assembly of claim 1, wherein the outer covering includes an upholstery covered foam foundation.

8. The sun visor assembly of claim 7, wherein the foam foundation exhibits a hardness of less than about 50 Shore A.
9. The sun visor assembly of claim 1, wherein an upper edge of the reinforcing core plate is generally rounded.
10. The sun visor assembly of claim 9, wherein the rounded upper edge is substantially semi-circular in cross-section having a radius of at least about 3.2 mm.
11. The sun visor assembly of claim 1, wherein reinforcing core plate includes a rounded lower edge having a radius of at least 3.2 mm.
12. The sun visor of claim 1, wherein the support flange includes an elongated opening.
13. The sun visor of claim 12, wherein the visor core component includes at least one retention member that protrudes through the opening and limits movement of the visor core component.
14. A sun visor assembly comprising:
 - an outer covering including two covering halves;
 - a reinforcing core plate attached to one of the covering halves, the reinforcing core plate including a substantially planar portion and a support flange that cooperates with the substantially planar portion to define a channel;
 - a visor support rod; and
 - a track non-slidingly secured to the reinforcing core plate and a sliding member slidingly engaging the track, wherein the sliding member is rotatably secured to the support rod.
15. A sun visor assembly comprising:
 - an outer covering including two covering halves;

a reinforcing core plate attached to one of the covering halves, the reinforcing core plate including a substantially planar portion and a support flange that cooperates with the substantially planar portion to define a channel;

a visor support rod; and

a hinge block received within the channel, wherein the hinge block is rotatably secured to the support rod.